

Which Column Coupler do You Recommend for Pairing HPLC Columns with Guard Columns- Tech Information

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The ARE-Applied Research™ brand of column couplers are used to connect the flow of two HPLC columns or a guard column and an analytical column directly in series.

Below is our recommended selection chart to match your flow rate and a suggested union-column coupler (ID). The ID of the coupler should be determined based on your application, where the faster the flow, the larger the bore (ID) is needed.

Flow rate (milliliters / minute)	Through Hole	Through Hole (inch)	Column Coupler Cat. No.
up to 0.5	0.13	0.005	<u>47450-01</u>
≤1.0	0.18	0.007	<u>47450-02</u>
1.0 - 2.0	0.25	0.010	<u>47450-03</u>
≥2.0	0.50	0.020	<u>47450-04</u>



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MicroSolv Technology Corporation
9158 Industrial Blvd. NE, Leland, NC 28451

Tel: (732) 380-8900 Fax: (910) 769-9435 Email: customers@mtc-usa.com

Website: www.mtc-usa.com